Global Justice
Information
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Initiative

**United States
Department of Justice**

I Have an IEPD,
Now What?

National Information Exchange Model

Practical Implementer's Course

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In This Section Students Will Learn To

- Version Control—understand and be able to apply the recommended IEPD versioning strategy
  - Major/minor release qualifications
  - Actionable requirements after new version release
  - Compatibility preservation issues
- WantLists—understand how to extract a WantList and its purpose in discovering other related IEPD development efforts and enhancing component reuse
- Registries—understand the relevance of the registry concept for IEPD discovery and reuse
  - Explain how to use a registry for IEPD discovery
  - Explain process for submitting IEPDs and subsequent responsibilities for maintaining updated information
- Reference IEPDs—understand and be able to explain the purpose of Reference IEPDs and how they are used to develop implementation-specific IEPDs

NIEM Versioning

- It is expected that NIEM versioning will follow the GJXDM versioning approach
  - n.x.z (major.minor.revision)
    - n—major version
    - x—minor version
    - z—revision
  - Major to major—incompatible
  - Minor to minor—some incompatibilities
  - Revision to revision—compatible
- May be different, so stay tuned!

Compatible Changes

- Changes that maintain forward compatibility
  - Addition of
    - Elements, types, attributes
    - Enumeration facets
    - New representations (object types)
  - Deprecation of elements, types, and attributes
  - Removal of nonenumeration facets
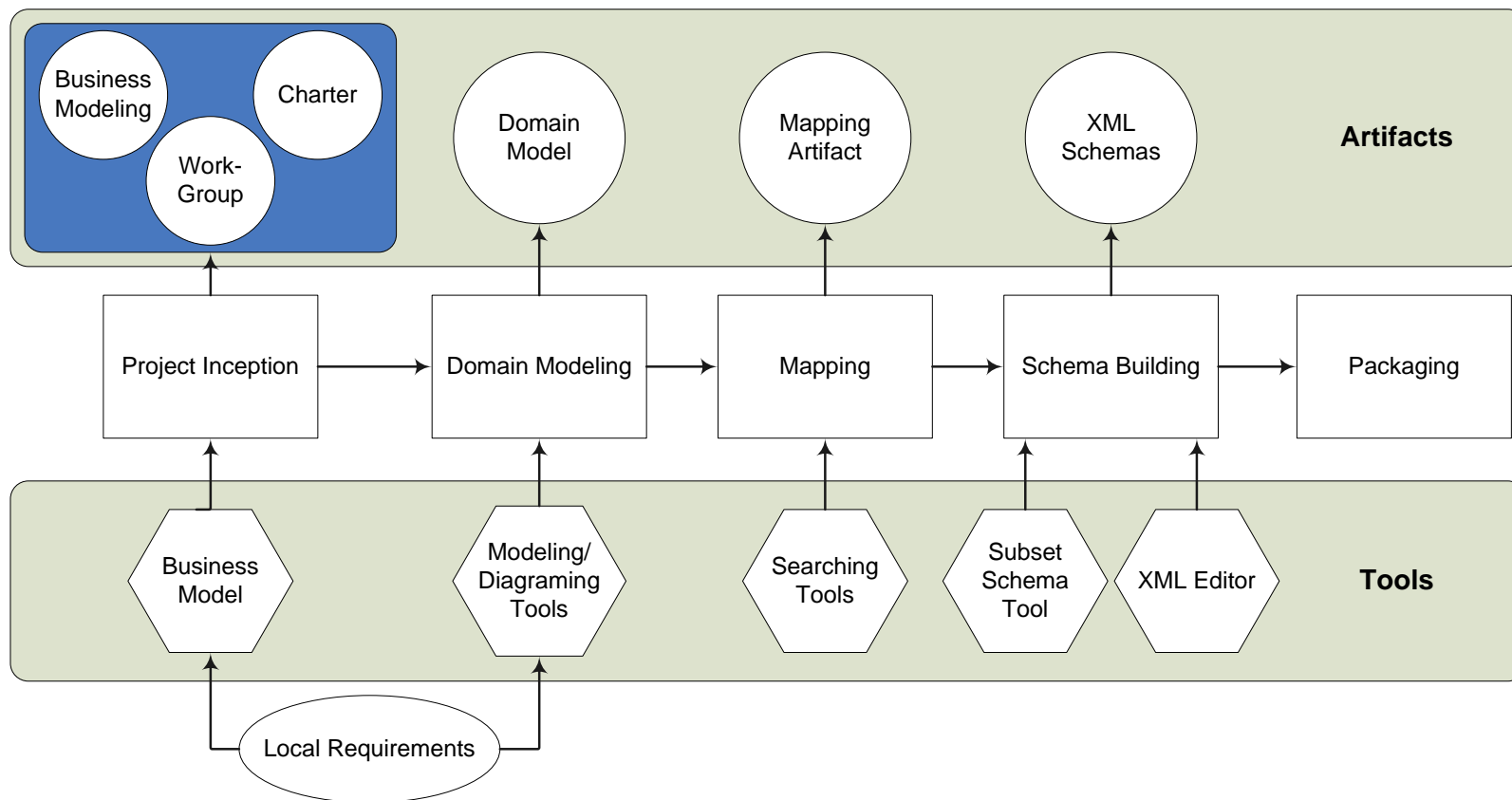
What Breaks Forward Compatibility?

- Removal of
  - Any element, attribute, type
  - Enumeration facets
- Addition of nonenumeration facets
- Renaming of any element, attribute, type, or facet
- Fixing a typo
- Change in schema design
- Removal of any namespace

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IEPD Process

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